Amendments to the Claims:

1-118. (previously canceled)

1 ~~119.~~ (currently amended) An isolated polypeptide having at least 80% amino acid sequence identity to:

(a) the amino acid sequence of the polypeptide of SEQ ID NO: 270 ~~shown in Figure 188 (SEQ ID NO: 270)~~;

(b) the amino acid sequence of the polypeptide of SEQ ID NO: 270 ~~shown in Figure 188 (SEQ ID NO: 270)~~, lacking its associated signal peptide; or

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(c) ~~the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 188 (SEQ ID NO: 270);~~

~~(d) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 188 (SEQ ID NO: 270), lacking its associated signal peptide; or~~

~~(e)~~ the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209962,

wherein, said polypeptide induces chondrocyte redifferentiation.

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2 ~~120.~~ (currently amended) The isolated polypeptide of Claim ~~39~~ having at least 85% amino acid sequence identity to:

(a) the amino acid sequence of the polypeptide of SEQ ID NO: 270 ~~shown in Figure 188 (SEQ ID NO: 270)~~;

(b) the amino acid sequence of the polypeptide of SEQ ID NO: 270 ~~shown in Figure 188 (SEQ ID NO: 270)~~, lacking its associated signal peptide; or

~~(c) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 188 (SEQ ID NO: 270);~~

~~(d) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 188 (SEQ ID NO: 270), lacking its associated signal peptide; or~~

~~(e)~~(c) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209962,

wherein, said polypeptide induces chondrocyte redifferentiation.

3 ~~121~~. (currently amended) The isolated polypeptide of Claim ~~39~~ 119 having at least 90% amino acid sequence identity to:

(a) the amino acid sequence of the polypeptide of SEQ ID NO: 270 ~~shown in Figure 188 (SEQ ID NO: 270)~~;

(b) the amino acid sequence of the polypeptide of SEQ ID NO: 270 ~~shown in Figure 188 (SEQ ID NO: 270)~~, lacking its associated signal peptide; or

(c) ~~the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 188 (SEQ ID NO: 270);~~

~~(d) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 188 (SEQ ID NO: 270), lacking its associated signal peptide; or~~

~~(e)~~ the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209962,

wherein, said polypeptide induces chondrocyte redifferentiation.

4 ~~122~~. (currently amended) The isolated polypeptide of Claim ~~39~~ 119 having at least 95% amino acid sequence identity to:

(a) the amino acid sequence of the polypeptide of SEQ ID NO: 270 ~~shown in Figure 188 (SEQ ID NO: 270)~~;

(b) the amino acid sequence of the polypeptide of SEQ ID NO: 270 ~~shown in Figure 188 (SEQ ID NO: 270)~~, lacking its associated signal peptide; or

(c) ~~the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 188 (SEQ ID NO: 270);~~

~~(d) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 188 (SEQ ID NO: 270), lacking its associated signal peptide; or~~

~~(e)~~ the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209962,

wherein, said polypeptide induces chondrocyte redifferentiation.

5 ~~123.~~ (currently amended) The isolated polypeptide of Claim ~~39~~ 1 ~~19~~ having at least 99% amino acid sequence identity to:

(a) the amino acid sequence of the polypeptide of SEQ ID NO: 270 ~~shown in Figure 188 (SEQ ID NO: 270)~~;

(b) the amino acid sequence of the polypeptide of SEQ ID NO: 270 ~~shown in Figure 188 (SEQ ID NO: 270)~~, lacking its associated signal peptide, or

(c) ~~the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 188 (SEQ ID NO: 270);~~

~~(d) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 188 (SEQ ID NO: 270), lacking its associated signal peptide; or~~

~~(e)~~ the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209962,

wherein, said polypeptide induces chondrocyte redifferentiation.

6 ~~124.~~ (currently amended) An isolated polypeptide comprising:

(a) the amino acid sequence of the polypeptide of SEQ ID NO: 270 ~~shown in Figure 188 (SEQ ID NO: 270)~~;

(b) the amino acid sequence of the polypeptide of SEQ ID NO: 270 ~~shown in Figure 188 (SEQ ID NO: 270)~~, lacking its associated signal peptide; or

(c) ~~the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 188 (SEQ ID NO: 270)~~;

~~(d) the amino acid sequence of the extracellular domain of the polypeptide shown in Figure 188 (SEQ ID NO: 270), lacking its associated signal peptide; or~~

~~(e)~~ the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209962,

wherein, said polypeptide induces chondrocyte redifferentiation.

7 ~~125.~~ (currently amended) The isolated polypeptide of Claim ~~124~~ 6 comprising the amino acid sequence of the polypeptide of SEQ ID NO: 270 ~~shown in Figure 188 (SEQ ID NO: 270)~~.

8 ~~126~~. (currently amended) The isolated polypeptide of Claim ~~124~~ 6 comprising the amino acid sequence of the polypeptide of SEQ ID NO: 270 ~~shown in Figure 188 (SEQ ID NO: 270)~~, lacking its associated signal peptide.

127-128. (canceled)

9 ~~129.~~ (previously presented) The isolated polypeptide of Claim ~~124~~ 6 comprising the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209962.

10 ~~130.~~ (currently amended) A chimeric polypeptide comprising a polypeptide according to Claim ~~124~~ 6 ~~119~~ fused to a heterologous polypeptide.

11 ~~131.~~ (previously presented) The chimeric polypeptide of Claim ~~130,~~ 10 wherein said heterologous polypeptide is an epitope tag or an Fc region of an immunoglobulin.